FIONA OCHS

FULL-STACK SOFTWARE ENGINEER

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Portfolio site

TECH STACK

Languages
Javascript
HTML
CSS

Testing
Jest
QUnit
Supertest
Enzyme

Front-End
React
Redux
Recoil
Context API

Back-End
Node.js
Express
EJS

Databases
PostgresSQL
MongoDB
Parse

Tools
Mongoose
Heroku
Netlify
Github
Jira
Asana
Material UI
D3
Algolia
Pendo
Webpack

Other
Agile
Rest APIs
TDD

WORK

Live site

DAXKO - SUGARWOD TEAM
SOFTWARE ENGINEER | JAN 2021 - PRESENT
CrossFit programming and social app.
- Use **Parse** for querying, database management, and cloud storage
- Applied analytics with **Pendo** and **Algolia**
- Use **EJS** for rendering web app
- Manage and scale **Algolia** data usage
- **Webpack** EJS files
- Optimize **MongoDB** usage

Live site

GABBI
SOFTWARE ENGINEER | MAR - OCT 2020
Digital health platform for women.
- In charge of server side **TDD**
- Maintained our database with **MongoDB**
- **React** for front-end development
- Implemented **Nodemailer** for passwordless authentication
- Used **Express** for maintaining our API

PROJECTS

Github   Live site

ALCHIMIA
Tile based board game crafted in Javascript.
- Developed front-end in vanilla **Javascript, HTML,** and **CSS**
- Implemented correct tile validation with array manipulation
- Developed an instructional modal, to display over board

Github   Live site

GOING VIRAL
Interactive data visualizations for changes in global mobility metrics during times of quarantine.
- Built back-end routes with **Node,** and **Express**
- Stored data in **MongoDB**
- Implemented **TDD** with **Jest**
- Worked with **D3** for data visualization
- Built front-end with **React**
- Used **Material UI** for mobile responsiveness

EDUCATION

ALCHEMY CODE LAB | 2020
Software Engineering professional training for building full-stack web applications individually and with teams.

B.S. NEUROBIOLOGY, PHYSIOLOGY AND BEHAVIOR SCIENCE
UNIVERSITY OF CALIFORNIA DAVIS | 2018